

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 09/710,4440
Source: 1Fw16
Date Processed by STIC: 4/14/06

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 04/14/2006

PATENT APPLICATION: US/09/710,444D

TIME: 11:10:35

Input Set : A:\208039-1090 - revised SEQ LIST dos text.txt
 Output Set: N:\CRF4\04142006\I710444D.raw

6 <110> APPLICANT: Riechmann, Lutz
 8 Kristensen, Peter
 10 Jestin, Jean-Luc
 12 Winter, Gregory
 16 <120> TITLE OF INVENTION: Selection System
 20 <130> FILE REFERENCE: 8039/1090
 24 <140> CURRENT APPLICATION NUMBER: 09/710,444D
 C--> 26 <141> CURRENT FILING DATE: 2000-11-10
 30 <150> PRIOR APPLICATION NUMBER: GB 9810223.9
 32 <151> PRIOR FILING DATE: 1998-05-13
 36 <150> PRIOR APPLICATION NUMBER: GB 9810228.8
 38 <151> PRIOR FILING DATE: 1998-05-13
 42 <150> PRIOR APPLICATION NUMBER: PCT/GB99/01526
 44 <151> PRIOR FILING DATE: 1999-05-13
 48 <160> NUMBER OF SEQ ID NOS: 80
 52 <170> SOFTWARE: PatentIn version 3.1
 56 <210> SEQ ID NO: 1
 58 <211> LENGTH: 17
 60 <212> TYPE: PRT
 62 <213> ORGANISM: Artificial Sequence
 66 <220> FEATURE:
 68 <223> OTHER INFORMATION: Synthetic linker peptide sequence with protease recognition
 sites
 69 .
 71 <220> FEATURE:
 73 <221> NAME/KEY: MISC_FEATURE
 75 <222> LOCATION: (1)..(17)
 77 <223> OTHER INFORMATION: Synthetic linker peptide sequence with protease recognition
 sites
 81 <400> SEQUENCE: 1
 83 Pro Ala Gly Leu Ser Glu Gly Ser Thr Ile Glu Gly Arg Gly Ala His
 84 1 5 10 15
 87 Glu
 91 <210> SEQ ID NO: 2
 93 <211> LENGTH: 57
 95 <212> TYPE: DNA
 97 <213> ORGANISM: Artificial Sequence
 101 <220> FEATURE:
 103 <223> OTHER INFORMATION: Synthetic PCR primer for vector construction/screening.
 105 <220> FEATURE:
 107 <221> NAME/KEY: misc_feature
 109 <222> LOCATION: (1)..(57)
 111 <223> OTHER INFORMATION: Synthetic PCR primer for vector construction/screening
 115 <400> SEQUENCE: 2

116 ggcaccctca gaacggtaacc ccaccctcag aggccggctg ggccgccacc ctcagag

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Input Set : A:\208039-1090 - revised SEQ LIST dos text.txt
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119 <210> SEQ ID NO: 3
121 <211> LENGTH: 89
123 <212> TYPE: DNA
125 <213> ORGANISM: Artificial sequence
129 <220> FEATURE:
131 <223> OTHER INFORMATION: Synthetic PCR primer for vector construction/screening.
133 <220> FEATURE:
135 <221> NAME/KEY: misc_feature
137 <222> LOCATION: (1)..(89)
139 <223> OTHER INFORMATION: Synthetic PCR primer for vector construction/screening
143 <400> SEQUENCE: 3
144 ggtagccggcc cagccggcct ttctgagggg tcgactatag aaggacgagg gcccagcgaa 60
146 ggaggtgggg taccccttc tgagggtgg 89
149 <210> SEQ ID NO: 4
151 <211> LENGTH: 89
153 <212> TYPE: DNA
155 <213> ORGANISM: Artificial sequence
159 <220> FEATURE:
161 <223> OTHER INFORMATION: Synthetic PCR primer for vector construction/screening.
163 <220> FEATURE:
165 <221> NAME/KEY: misc_feature
167 <222> LOCATION: (1)..(89)
169 <223> OTHER INFORMATION: Synthetic PCR primer for vector construction/screening
173 <400> SEQUENCE: 4
174 ccacccttag aagggggtac cccacctct tcgctggcc ctcgtcccttc tatagtcgac 60
176 ccctcagaaa ggccgctgg gcccgcacc 89
179 <210> SEQ ID NO: 5
181 <211> LENGTH: 24
183 <212> TYPE: DNA
185 <213> ORGANISM: Artificial sequence
189 <220> FEATURE:
191 <223> OTHER INFORMATION: Synthetic PCR primer for vector construction/screening.
193 <220> FEATURE:
195 <221> NAME/KEY: misc_feature
197 <222> LOCATION: (1)..(24)
199 <223> OTHER INFORMATION: Synthetic PCR primer for vector construction/screening
203 <400> SEQUENCE: 5
204 gcgatggttt ttgtcattgt cggc 24
207 <210> SEQ ID NO: 6
209 <211> LENGTH: 24
211 <212> TYPE: DNA
213 <213> ORGANISM: Artificial sequence
217 <220> FEATURE:
219 <223> OTHER INFORMATION: Synthetic PCR primer for vector construction/screening.
221 <220> FEATURE:
223 <221> NAME/KEY: misc_feature
225 <222> LOCATION: (1)..(24)
227 <223> OTHER INFORMATION: Synthetic PCR primer for vector construction/screening
231 <400> SEQUENCE: 6

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232 aaaagaaacg caaagacacc acgg 24
 235 <210> SEQ ID NO: 7
 237 <211> LENGTH: 23
 239 <212> TYPE: DNA
 241 <213> ORGANISM: Artificial sequence
 245 <220> FEATURE:
 247 <223> OTHER INFORMATION: Synthetic PCR primer for vector construction/screening.
 249 <220> FEATURE:
 251 <221> NAME/KEY: misc_feature
 253 <222> LOCATION: (1)..(23)
 255 <223> OTHER INFORMATION: Synthetic PCR primer for vector construction/screening
 259 <400> SEQUENCE: 7
 260 ctccttgagt acggatac acc 23
 263 <210> SEQ ID NO: 8
 265 <211> LENGTH: 24
 267 <212> TYPE: DNA
 269 <213> ORGANISM: Artificial sequence
 273 <220> FEATURE:
 275 <223> OTHER INFORMATION: Synthetic PCR primer used to screen for recombinant clones.
 277 <220> FEATURE:
 279 <221> NAME/KEY: misc_feature
 281 <222> LOCATION: (1)..(24)
 283 <223> OTHER INFORMATION: Synthetic PCR primer used to screen for recombinant clones
 287 <400> SEQUENCE: 8
 288 gtaaattcag agactgcgtt ttcc 24
 291 <210> SEQ ID NO: 9
 293 <211> LENGTH: 26
 295 <212> TYPE: DNA
 297 <213> ORGANISM: Artificial sequence
 301 <220> FEATURE:
 303 <223> OTHER INFORMATION: Synthetic PCR primer used to screen for recombinant clones.
 305 <220> FEATURE:
 307 <221> NAME/KEY: misc_feature
 309 <222> LOCATION: (1)..(26)
 311 <223> OTHER INFORMATION: Synthetic PCR primer used to screen for recombinant clones
 315 <400> SEQUENCE: 9
 316 atttcgggtc atagccccct tattag 26
 319 <210> SEQ ID NO: 10
 321 <211> LENGTH: 65
 323 <212> TYPE: DNA
 325 <213> ORGANISM: Artificial sequence
 329 <220> FEATURE:
 331 <223> OTHER INFORMATION: Synthetic PCR primer recognizing FLAG tag nucleotide sequence.
 333 <220> FEATURE:
 335 <221> NAME/KEY: misc_feature
 337 <222> LOCATION: (1)..(65)
 339 <223> OTHER INFORMATION: Synthetic PCR primer recognizing FLAG tag nucleotide sequence
 343 <400> SEQUENCE: 10
 344 caaacggcgccgcagactacaaggatga cgacgacaag gaaactgtt aaagttgttt 60

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Input Set : A:\208039-1090 - revised SEQ LIST dos text.txt
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346 agcaa 65
 349 <210> SEQ ID NO: 11
 351 <211> LENGTH: 51
 353 <212> TYPE: DNA
 355 <213> ORGANISM: Artificial sequence
 359 <220> FEATURE:
 361 <223> OTHER INFORMATION: Synthetic PCR primer used to change codon usage in recombinant cl
 362 ones.
 364 <220> FEATURE:
 366 <221> NAME/KEY: misc_feature
 368 <222> LOCATION: (1)..(51)
 370 <223> OTHER INFORMATION: Synthetic PCR primer used to change codon usage in recombinant cl
 371 ones
 375 <400> SEQUENCE: 11
 376 cccctcagaa aggccggctg ggccgcccggc agcattgaca ggaggttcag g 51
 379 <210> SEQ ID NO: 12
 381 <211> LENGTH: 52
 383 <212> TYPE: DNA
 385 <213> ORGANISM: Artificial sequence
 389 <220> FEATURE:
 391 <223> OTHER INFORMATION: Synthetic PCR primer used to change codon usage in recombinant cl
 392 ones.
 394 <220> FEATURE:
 396 <221> NAME/KEY: misc_feature
 398 <222> LOCATION: (1)..(52)
 400 <223> OTHER INFORMATION: Synthetic PCR primer used to change codon usage in recombinant cl
 401 ones
 405 <400> SEQUENCE: 12
 406 gaaggaggatg gggtaacccgg ttccgaggggt ggttccgggtt ccggtgattt tg 52
 409 <210> SEQ ID NO: 13
 411 <211> LENGTH: 36
 413 <212> TYPE: DNA
 415 <213> ORGANISM: Artificial sequence
 419 <220> FEATURE:
 421 <223> OTHER INFORMATION: Synthetic PCR primer for vector construction/screening.
 423 <220> FEATURE:
 425 <221> NAME/KEY: misc_feature
 427 <222> LOCATION: (1)..(36)
 429 <223> OTHER INFORMATION: Synthetic PCR primer for vector construction/screening
 433 <400> SEQUENCE: 13
 434 ccttcggAAC cggtacccca gctgcttcgt gggccc 36
 437 <210> SEQ ID NO: 14
 439 <211> LENGTH: 47
 441 <212> TYPE: DNA
 443 <213> ORGANISM: Bacillus amyloliquefaciens
 447 <400> SEQUENCE: 14
 448 ctggccggcg cccagccggc cctgcacagg ttatcaacac gtttgac 47
 451 <210> SEQ ID NO: 15
 453 <211> LENGTH: 43

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Input Set : A:\208039-1090 - revised SEQ LIST dos text.txt
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455 <212> TYPE: DNA
 457 <213> ORGANISM: *Bacillus amyloliquefaciens*
 461 <400> SEQUENCE: 15
 462 ctcggAACCG gtacctctga tttttgtaaa ggtctgataa gcg 43
 465 <210> SEQ ID NO: 16
 467 <211> LENGTH: 44
 469 <212> TYPE: DNA
 471 <213> ORGANISM: *Gallus gallus*
 475 <400> SEQUENCE: 16
 476 ggcggcccaag ccggccttgc tctctctgac gaggacttca aggc 44
 479 <210> SEQ ID NO: 17
 481 <211> LENGTH: 41
 483 <212> TYPE: DNA
 485 <213> ORGANISM: *Gallus gallus*
 489 <400> SEQUENCE: 17
 490 cctcggAACC ggtaccgaag agtcctttct ctttttttag g 41
 493 <210> SEQ ID NO: 18
 495 <211> LENGTH: 18
 497 <212> TYPE: DNA
 499 <213> ORGANISM: Artificial sequence
 503 <220> FEATURE:
 505 <223> OTHER INFORMATION: Synthetic PCR primer used for library construction.
 507 <220> FEATURE:
 509 <221> NAME/KEY: misc_feature
 511 <222> LOCATION: (1)..(18)
 513 <223> OTHER INFORMATION: Synthetic PCR primer used for library construction
 517 <400> SEQUENCE: 18
 518 tacggcaagg ttgcatgc 18
 521 <210> SEQ ID NO: 19
 523 <211> LENGTH: 17
 525 <212> TYPE: DNA
 527 <213> ORGANISM: Artificial sequence
 531 <220> FEATURE:
 533 <223> OTHER INFORMATION: Synthetic PCR primer used for library construction.
 535 <220> FEATURE:
 537 <221> NAME/KEY: misc_feature
 539 <222> LOCATION: (1)..(17)
 541 <223> OTHER INFORMATION: Synthetic PCR primer used for library construction
 545 <400> SEQUENCE: 19
 546 ctgcacctgg gccatgg 17
 549 <210> SEQ ID NO: 20
 551 <211> LENGTH: 17
 553 <212> TYPE: DNA
 555 <213> ORGANISM: Artificial sequence
 559 <220> FEATURE:
 561 <223> OTHER INFORMATION: Synthetic PCR primer used for library construction.
 563 <220> FEATURE:
 565 <221> NAME/KEY: misc_feature
 567 <222> LOCATION: (1)..(17)

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 04/14/2006
PATENT APPLICATION: US/09/710,444D TIME: 11:10:36

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:21; N Pos. 23,24,29,55,56,81,97,101,102
Seq#:22; N Pos. 18,19,20,21
Seq#:26; N Pos. 14,15,20,46,47
Seq#:31; N Pos. 22,38,42,43
Seq#:34; N Pos. 22,43,44
Seq#:40; N Pos. 9,10,11,12
Seq#:51; N Pos. 19,20,21,22,23,24
Seq#:76; Xaa Pos. 36,38
Seq#:79; Xaa Pos. 1

VERIFICATION SUMMARY

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Input Set : A:\208039-1090 - revised SEQ LIST dos text.txt
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L:26 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:687 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0
M:341 Repeated in SeqNo=21
L:745 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0
L:899 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0
L:1079 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
L:1193 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0
L:1411 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
L:1801 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:0
L:2722 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76 after pos.:32
L:2814 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79 after pos.:0